

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1840	((482/105) or (482/93) or (482/140) or (482/148) or (482/10)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/26 14:57
S2	141	a63b021/065.ipc. not us.cc.	EPO; DERWENT	OR	ON	2006/04/26 15:25
S3	313	((601/39) or (601/23)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/26 15:30
S4	1668	((602/18) or (602/19) or (602/36) or (602/32)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/26 15:32
S5	729	S4 and (bearing or shot or weight or sand or fluid or liquid or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/26 16:16
S6	1425	((2/462) or (2/461) or (2/44) or (2/45) or (2/92) or (2/411)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 11:41
S7	1425	((2/462) or (2/461) or (2/44) or (2/45) or (2/92) or (2/411)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 12:08
S8	308	S7 and (weights or ((steel or metal) WITH (plate or bar)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 11:44
S9	39	S7 and ((weight or iron or steel or metal) WITH (plate or bar))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 12:09
S10	1902	(2/462 or 2/461 or 2/44 or 2/45 or 2/92 or 2/411).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 12:09
S11	47	S10 and ((weight or iron or steel or metal) WITH (plate or bar))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 12:09

## EAST Search History

S12	8	S11 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 13:34
S13	664	(2/2.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 13:50
S14	868	((2/102) or (2/129) or (2/141.1)). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 14:01
S15	59	(buoyancy and weight and diving). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 14:03
S16	429	(482/105).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 15:08
S17	8564	weight WITH collar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:08
S18	1511	weight NEAR2 collar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:09
S19	583	weight NEAR1 collar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:10
S20	5386	S17 and (lead or shot or bearings or balls or sand)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:11
S21	2749	S17 same (lead or shot or bearings or balls or sand)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:12

## EAST Search History

S22	413	S17 and neck and shoulder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:34
S23	166	(89/36.05).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 15:38
S24	494	(405/186).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 15:39
S25	183	405/186.ccls. and weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/27 15:45
S26	59	(d21/683).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 15:45
S27	2	("20060047229").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/27 15:59
S28	21	("4268917"   "4344620"   "4382302"   "4394012"   "4602387"   "4658442"   "4989267"   "5144694"   "5465423"   "5526535"   "5555562"   "5768706"   "5810699"   "5937441"   "5943700"   "6081924"   "6209135"   "6283897"   "D278840"   "D340794"   "D390338").PN. OR ("6665879").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:19
S29	13	("1386652"   "3872905"   "4011611"   "4112179"   "4137920"   "4332379"   "4357009"   "4695051"   "5074459"   "5359739"   "5857946").PN. OR ("6224517"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:22
S30	13	("1386652"   "3872905"   "4011611"   "4112179"   "4137920"   "4332379"   "4357009"   "4695051"   "5074459"   "5359739"   "5857946").PN. OR ("6224517"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:22

## EAST Search History

S31	17	("3111317"   "3784085"   "4332379"   "4357009"   "4407497"   "4846464"   "4891501"   "5167600"   "5169371"   "5233779"   "5242348"   "5299999"   "5332185"   "5417635"   "5529556"   "D368125").PN. OR ("6149557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:23
S32	52	("3525141"   "4268917"   "4303239"   "4344620"   "4382302"   "4384369"   "4394012"   "4407497"   "4658442"   "4953856"   "4958386"   "4974398"   "4989267"   "5002270"   "5010596").PN. OR ("5144694").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:25
S33	30	("3436762"   "3525141"   "4239211"   "4268917").PN. OR ("4407497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:26
S34	0	("2004/0198566").URPN.	USPAT	OR	ON	2006/04/27 16:28
S35	12	("1154689"   "3182655"   "D257646"   "D263641"   "D277519").PN. OR ("D293354").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:29
S36	14	("4394012"   "4989267"   "5169372"   "D235699"   "D293354"   "D308788"   "D311808"   "D322380"   "D324769"   "D352633").PN. OR ("D368125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/27 16:30

## EAST Search History

S37	48	((("5553322") or ("5810699") or ("5768706") or ("6081924") or ("6669608") or ("5967948") or ("4623316") or ("5769030") or ("4602387") or ("4382302") or ("6209135") or ("6209135") or ("6286146") or ("6665879") or ("6098196") or ("6149557") or ("4303239") or ("4428108") or ("5277421") or ("5496243") or ("4854572") or ("4344620") or ("4394012") or ("4407497") or ("4910802") or ("6108816") or ("5030153") or ("5325538") or ("5495620") or ("5943884") or ("6035453") or ("6233739") or ("6659825") or ("6022300") or ("5269534") or ("4345756") or ("4444396") or ("4602788") or ("4803893") or ("5293090") or ("5692933") or ("5879274") or ("6058517") or ("6058517") or ("6319176") or ("5706345") or ("4258914") or ("5868652") or ("6039677") or ("5514020")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/28 12:35
S38	17	("3111317"   "3784085"   "4332379"   "4357009"   "4407497"   "4846464"   "4891501"   "5167600"   "5169371"   "5233779"   "5242348"   "5299999"   "5332185"   "5417635"   "5529556"   "D368125").PN. OR ("6149557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 12:40
S39	54	("0551939"   "0723797"   "1594053"   "2071706"   "2429583"   "3839621"   "3889684"   "4061897"   "4512830").PN. OR ("4891501").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:28
S40	11	("2818063"   "3164151"   "3810466"   "4205667"   "4232663"   "4401111"   "5060661"   "5403266"   "5415624").PN. OR ("6926686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 14:40
S41	17	("1149950"   "3052799"   "3093829"   "3996620"   "4441025").PN. OR ("4924103").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:47

## EAST Search History

S42	38	("2404225"   "2451282"   "3093829"   "3160143"   "3823417"   "3996620"   "4040124"   "4196355"   "4266299"   "4413357"   "4417146"   "4441025"   "4524463"   "4527288"   "4611353"   "4766608"   "4769855"   "4843641"   "4873725"   "4924103"   "4975984"   "5015865"   "5028796"   "5150477"   "5267352"   "5274851"   "5274852"   "D080474"   "D173089"   "D253558"   "D310905").PN. OR ("5745925").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:52
S43	22	("3310053"   "3622432"   "4220867"   "4604998"   "4924103"   "4938233"   "5015865"   "5115140"   "5245195"   "5379332").PN. OR ("5523581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:58
S44	22	("3310053"   "3622432"   "4220867"   "4604998"   "4924103"   "4938233"   "5015865"   "5115140"   "5245195"   "5379332").PN. OR ("5523581").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:58
S45	38	("2404225"   "2451282"   "3093829"   "3160143"   "3823417"   "3996620"   "4040124"   "4196355"   "4266299"   "4413357"   "4417146"   "4441025"   "4524463"   "4527288"   "4611353"   "4766608"   "4769855"   "4843641"   "4873725"   "4924103"   "4975984"   "5015865"   "5028796"   "5150477"   "5267352"   "5274851"   "5274852"   "D080474"   "D173089"   "D253558"   "D310905").PN. OR ("5745925").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 16:05
S46	40	("1632873"   "1839262"   "2404225"   "2451282"   "2494664"   "2642542"   "3052799"   "3093829"   "3233248"   "3946916"   "3996620"   "4013201"   "4114788"   "4196355"   "D080474"   "D173089").PN. OR ("4441025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 16:06
S47	24	("3093829").URPN.	USPAT	OR	ON	2006/04/28 16:07

## EAST Search History

S48	9	("3093829"   "3233248"   "3394260"   "D238615"   "D245731").PN. OR ("D259139").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 16:09
S49	41	("3864124"   "3901829"   "3916887"   "3948295"   "4123392"   "4194040"   "4429094"   "4437013"   "4558093"   "4601286"   "4604998"   "4616641").PN. OR ("4938233").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 16:10
S50	25	("2494669"   "3052799"   "3093829"   "3123831"   "3233248"   "3569713").PN. OR ("4220867").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 16:12
S51	18	("3233248").URPN.	USPAT	OR	ON	2006/04/28 16:15
S52	0	("2004/0072660").URPN.	USPAT	OR	ON	2006/04/28 17:23